



# भारत का राजपत्र The Gazette of India

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग सेकशन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Calcutta, the 24th October 1992

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Municipal Market Building,  
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Telegraphic address "PATENTOFIC".

1—297 GI/92

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Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),  
"NIZAM PALACE", 2nd M.S.O. Building,  
5th, 6th and 7th Floor,  
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Calcutta-700 020.

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Telegraphic address "PATENTS".

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## पेटेंट कार्यालय

## एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 24 अक्टूबर 1992

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा चम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप से प्रवर्णित हैं :—

पेटेंट कार्यालय शाखा, टोबी इस्टेट,  
लीमरा तल, लोवर परले (पश्चिम),  
मद्रास-400013 ।

भारत, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोआ, वमन तथा  
दिव एवं दावरा और नागर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
एकक सं. 401 से 405, लीमरा तल,  
कार्यालयी बाजार भवन,  
मण्डली मार्ग, करोल बाग,  
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,  
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
61, बालाजाह रोड,  
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप  
मिनिक्का तथा उमिनिविक् विीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय)  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,  
भवन, 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपर्युक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अवधि या तो नकद की जाएगी अथवा उपर्युक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा बैंक आदेश या जहां उपर्युक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है ।

# ALTERATION OF AN ENTRY IN THE REGISTER OF PATENT AGENTS UNDER RULE 103 OF THE PATENTS RULES, 1972

In pursuance of an application of Form 52 filed on 31-8-92, the address of principal place of business of the Registered Patent Agent has been altered to :—

Jyoti Sagar,  
C/o J. Sagar Associates,  
16, Aradhana Ring Road,  
R. K. Puram XIII,  
New Delhi-110066.

## THE PATENT OFFICE

Calcutta, the 24th October 1992

## APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crescent branch are the dates claimed under Section 135, of the Patents Act, 1970.

10th September 1992

652/Cal/1992 E.I. Du Pont De Nemours and Company.  
Polyoxymethylene Resin Composition.

653/Cal/1992 Hoechst Aktiengesellschaft. Water-soluble  
fibre reactive dyestuffs, processes for their pre-  
paration and their use.

654/Cal/1992 Hismelt Corporation Pty Limited and A  
Ahlsstrom Corporation. A Method and appa-  
ratus for treating gases and particulate solids  
in a fluid Bed.

14th September 1992

655/Cal/1992. WING COMMANDER NARENDRA  
KUMAR (Retd). Efficient Environment friend-  
ly and Economy Peoples Car.

656/Cal/1992 Troxler Electronic Laboratories, Inc. Capacitance Monitor For Soil Moisture.

657/Cal/1992 Hoechst Aktiengesellschaft. Process for the preparation of 2, 4-dichlorofluorobenzene.

658/Cal/1992 Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V., Process for the Production of a Pharmaceutical Agent for Oral or Topical Administration in the treatment of Leishmaniasis.

659/Cal/1992 United Parcel Service of America, Inc. Optically readable discrete article of Commerce having encoded information Stored therein, and process of encoding information in such article. [Divided out of No. 260/Cal/1989; antedated to 6-4-1989]

660/Cal/1992 United Parcel Service of America, Inc. Optically readable discrete article of Commerce having encoded information stored therein, and process of encoding information in such article. [Divided out of No. 260/Cal/1989; antedated to 6-4-1989]

661/Cal/1992 United Parcel Service of America, Inc. Optically readable discrete article of Commerce

having encoded information stored therein, and process of encoding information in such article. [Divided out of No. 260/Cal/1989; antedated to 6-4-1989].

662/Cal/1992 United Parcel Service of America, Inc. Optically readable discrete article of Commerce having encoded information stored therein, and process of encoding information in such article. [Divided out of No. 260/Cal/1989; antedated to 6-4-1989].

663/Cal/1992 United Parcel Service of America, Inc. A combination optical mark sensing and decoding system. [Divided out of No. 260/Cal/1989; antedated to 6-4-1989].

664/Cal/1992 United Parcel Service of America, Inc. A combination optical mark sensing and decoding system. [Divided out of No. 260/Cal/1989; antedated to 6-4-1989].

665/Cal/1992 United Parcel Service of America, Inc. A combination optical mark sensing and decoding system. [Divided out of No. 260/Cal/1989; antedated to 6-4-1989].

666/Cal/1992 United Parcel Service of America, Inc. Apparatus for decoding a stream of digital signals representing an electro-optically sensed label. [Divided out of No. 260/Cal/1989; antedated to 6-4-1989].

667/Cal/1992 United Parcel Service of America, Inc. Apparatus for decoding a stream of digital signals representing an electro-optically sensed label. [Divided out of No. 260/Cal/1989; antedated to 6-4-1989].

668/Cal/1992 United Parcel Service of America, Inc. Apparatus for decoding a stream of digital signals representing an electro-optically sensed label. [Divided out of No. 260/Cal/1989; antedated to 6-4-1989].

669/Cal/1992 United Parcel Service of America, Inc. Apparatus for decoding a stream of digital signals representing an electro-optically sensed label. [Divided out of No. 260/Cal/1989; antedated to 6-4-1989].

15th September 1992

670/Cal/92 Windmoller & Holscher. An apparatus for the application of preferably adhesive coated slips or pieces of tube to a moving web or to workpieces being conveyed.

671/Cal/92 EVT Energie-Und Verfahrenstechnik GmbH. Procedure for the operation of a mill in particular for a rolling mill.

672/Cal/92 Hitachi Ltd., Hitachi Techno Engineering Co. Ltd., Hitachi Mito Engineering Co. Ltd. AC Motor Control Apparatus and control apparatus of Electric Rolling stock using the same.

673/Cal/92 Steven Carl Quay. Gaseous Ultrasound contrast media and method for selecting gases for use as ultrasound contrast media.

### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15 of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

### स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।

नीचे सूचीगत विनिर्देशों की सीमित संख्या मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl.: 172-D.8 [GROUP-XX]

171461

Int. Cl.: D 01 H 15/00

A METHOD AND DEVICE FOR JOINING THREAD IN A SPINNING MACHINE USING A PNEUMATIC TORSION MEANS.

Applicant: SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT, A GERMAN COMPANY, OF FRIEDRICH EBERTSTRASSE 84, D-8070 INGOLSTADT, FEDERAL REPUBLIC OF GERMANY.

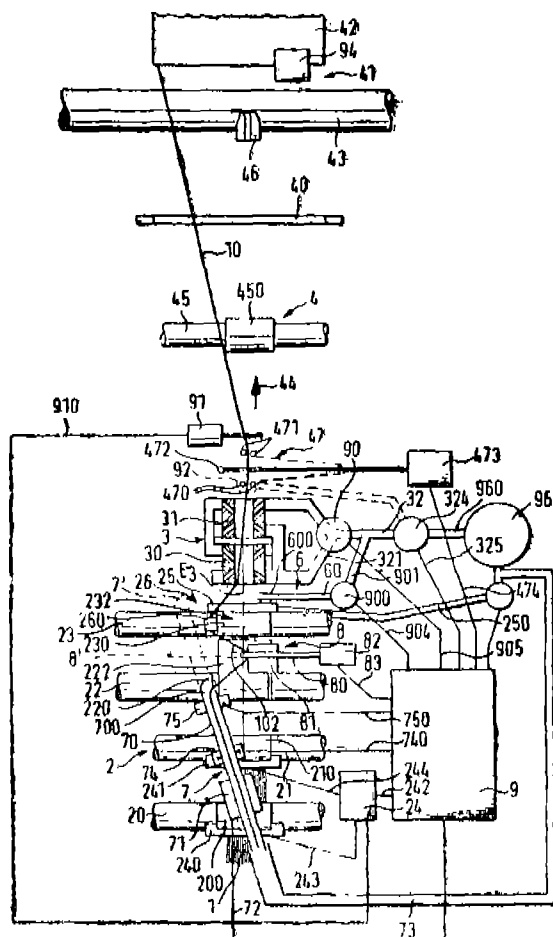
Inventors: (1) PETER ARTZT (2) HARALD DOLLMAN (3) KURT ZIEGLER (4) GERHARD EGBERS.

Application No. 217/Mas/88 filed on April 5, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 45 Claims

A method for joining the thread in a spinning device using a pneumatic torsion means comprising the steps of delivering the thread end from the outlet side back through the said torsion means to a drafting unit and then inserting sideways into a pair of delivery rollers of the said drafting unit, drawing in the form of a continuous thread through the said torsion means, tying a roving up in the process, characterized in that the said thread end is conveyed through the torsion means to the inlet side thereof, disposing the torsion means behind the pair of delivery rollers of the said drafting unit, gripping and supplying to a gripper disposed beside the drafting unit and pulling the thread end past the pair of said delivery rollers beside the said drafting unit for subsequent insertion into the said delivery rollers.



Compl. specn. 67 pages

Digs. 8 sheets

Ind. Cl.: 85 Q [XXXI] 90 I [XXXVI]

171462

Int. Cl.: C 03 B 5/08.

A METHOD AND AN APPARATUS FOR PRODUCING GLASS BY MELTING GLASS FORMING MATERIALS.

Applicant: BATTELLE DEVELOPMENT CORPORATION, A CORPORATION INCORPORATED IN THE STATE OF DELAWARE, OF 505 KING AVENUE, COLUMBUS, OHIO 43201-2693, UNITED STATES OF AMERICA.

Inventors: 1. ALEXANDER G FASSBENDER 2. PAUL C WALKUP 3. LYLE K MUDGE.

Application No. 285/Mas/88 filed on 3rd May, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 24 Claims

In a method of producing glass by melting glass forming materials comprising particulate refractory materials and low melting flux materials, the improvement comprising,

melting the low melting flux materials,

transporting the particulate refractory materials with a primary gas through a nozzle, and

delivering the molten low melting flux materials in to the nozzle thereby providing high-shear mixing, contact and adherence of the particulate refractory materials with the molten low melting flux materials.

Comp Specn. 20 pages;

Drgs. 3 sheets

Ind. Cl.: 12-D [GROUP-XXXIII(2)]

171463

Int. Cl.: C 21 C 7/064.

A METHOD OF MAKING A TREATMENT AGENT FOR MOLTEN METAL.

Applicant: FOSECO INTERNATIONAL LIMITED, A BRITISH COMPANY, OF 285 LONG ACRE NECHILLS, BIRMINGHAM B7 5JR, UNITED KINGDOM.

Inventor: FRITZ SCHAEFER.

Application No. 330/Mas/88 filed on May 19, 1988.

Convention date: May 22, 1987. (No. 8712168; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 13 Claims. No drawing

A method of making a treatment agent for molten metal, particularly for the desulphurisation of molten ferrous metal, comprises mixing particulate magnesium with a hydrophobic compound until the magnesium particles are thoroughly coated to provide a first, hydrophobic coating, adding particulate refractory material such as herein described having a weight average particle size of less than 5 microns and continuing mixing until the particles of refractory material are thoroughly dispersed to provide at least one second coating on the first coating.

Comp. Specn. 17 pages.

Ind. Cl.: 40 F [IV(1)]

171464

Int. Cl.: B 01 J 19/00.

A REACTOR.

Applicants: HALDOR TOPSOE A/S, NYMOLLEVEJ 55, DK-2800 LYNGBY, DENMARK, A DANISH COMPANY.

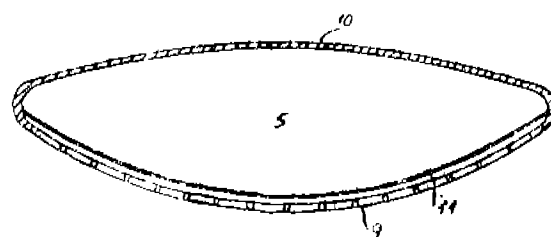
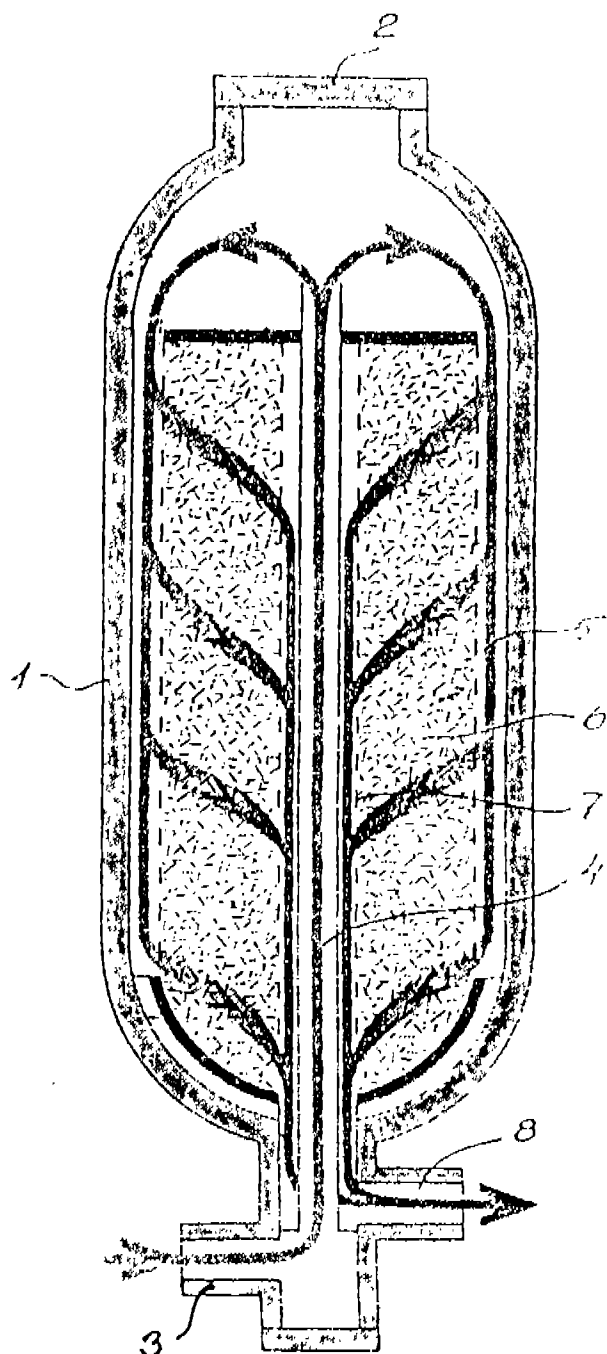
Inventor: HENRIK OTTO STAHL.

Application No. 333/Mas/88 filed on 19th May 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

## 7 Claims

A reactor comprising a tank (1) having walls, a bed capable of containing granulated catalyst or substance for reacting with the gas, a plurality of manifold modules (5) disposed between the walls and the bed, each of said manifold means consists of an elongate tube having an open end connected with an inlet (3, 4) for the gas and a closed end, the tubes having a gas-impermeable rear sidewall (10) with a shape corresponding to the walls of the tank (1) and positioned adjacent thereto, a front side having a gas-permeable grating (9) and a plate (11) disposed behind said grating and having a plurality of nozzles.



Comp. Specn. 9 pages;

Drgs. 2 sheets.

Ind. Cl. : 21 B [LXVI(1)]

171465

Int. Cl. : A 43 B 13/08, 7/08.

**A SOLE COMPONENT FOR A SHOE.**

Applicant : ELI COHEN, A CITIZEN OF U.S.A., OF  
350 CONTINENTAL AVENUE, PARAMUS, NEW  
JERSEY 07652, USA.

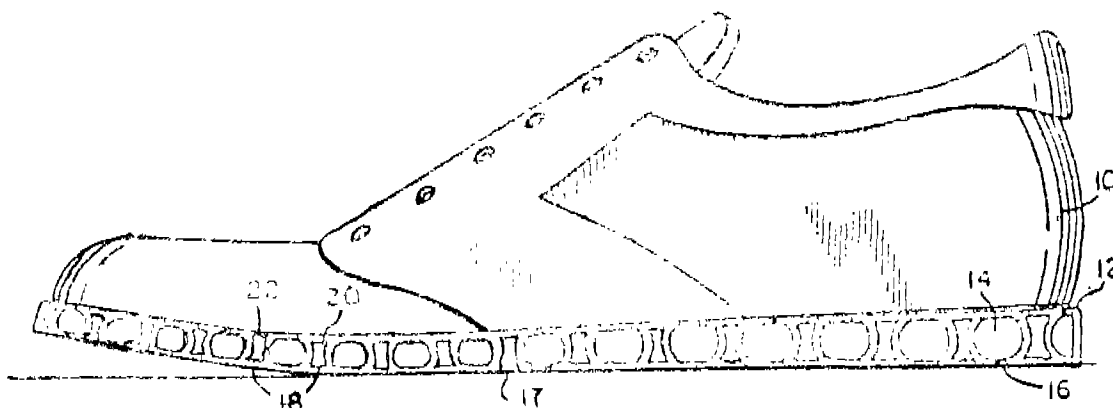
Inventor : ELI COHEN.

Application No. 355/Mas/88 filed on 25th May, 1988.

Appropriate Office for Opposition Proceedings (Rule 4,  
Patents Rules, 1972), Patent Office, Madras Branch.

**10 Claims**

A sole component for a shoe, comprising an inner sole provided directly underneath the shoe, a mid-sole provided directly underneath said inner sole, said mid-sole provided with a plurality of pairs of parallel ribs, each pair of ribs spaced from each other as well as adjacent pairs or ribs, each of said pairs of ribs provided with a first rib and a second rib, and each of said first ribs bent toward its respective second rib, on outer sole provided directly underneath said mid-sole, one compressible element is provided between said first and second ribs of at least one of said pairs of ribs.



Comp. Specn. 18 pages;

Drgs. 5 sheets.

Ind. Cl. : 206-H.1-[GROUP-LXII]

171466

Int. Cl.<sup>4</sup> : H 04 R 27/00.**PUBLIC ADDRESS AMPLIFIER.**

Applicant & Inventor : ROBERT STEWART KNIGHT, A BRITISH CITIZEN, OF 47 HIGH STREET, MUSSELBURGH, MIDLOTHIAN EH21 7AD, SCOTLAND, GREAT BRITAIN.

Application No. 365/Mas/88 filed May 27, 1988.

Convention date : May 27, 1987; (No. 8712469; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**8 Claims**

A public address amplifier comprising a housing; an output amplifier located in said housing, said output amplifier having an input for receiving pre-amplified signals from a pre-amplifier; an output for supplying amplified signals to at least one loudspeaker, and a power input for receiving power from a power source; a cable for extending from said housing, one end of said cable being coupled to said power input so that power is carried by said cable, and said one end of said cable being coupled to said input for receiving pre-amplified signals also carried by said cable; and a terminal on said housing coupled to said power input so that power is supplied from said terminal, said terminal also being coupled to said input for receiving said pre-amplified signals so that said pre-amplified signals is supplied from said terminal; a connector connected to the other end of said cable; whereby at least one further public address amplifier having the same configuration as said public address amplifier is coupled in series with said public address amplifier.

Comp. 26 pages;

Drgs. 4 sheets.

Ind. Cl. : 129-G-[GROUP-XXXV]

171467

Int. Cl.<sup>4</sup> : B 21 C 37/00.**A METHOD OF MAKING A DATA TRANSMISSION CABLE ARRANGEMENT IN A FLUID TRANSPORTATION PIPELINE.**

Applicant : NORTHERN TELECOM EUROPE LIMITED, OF 1B PORTLAND PLACE, LONDON WIN 3AA ENGLAND, A BRITISH COMPANY.

Inventors : (1) GEOFFERY JOSEPH GROCOTT (2) RALPH EDWARD JOHN BASKETT.

Application No. 372/Mas/88 filed May 31, 1988.

Convention date : June 4, 1987; (No. 8713068; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**14 Claims**

A method of making a data transmission cable arrangement in fluid transportation pipeline, while the pipeline continuous in normal operation full of and transporting fluid under a positive pressure comprising the steps of

(a) introducing the leading end of the cable into the pipeline at an upstream cable inlet position, and at an acute angle to the fluid flow direction, through a first fluid sealing means connected to the pipeline at that inlet position;

(b) feeding the cable into the pipeline until the leading end reaches a predetermined downstream cable exist position; and

(c) extracting the leading end of the cable from the pipeline at an acute angle to the fluid flow direction through a second fluid sealing means connected to the pipeline at that cable exist position.

Comp. 17 pages;

Drgs. 2 sheets.

Ind. Cl. : 129-G-[GROUP-XXXV]

171468

Int. Cl.<sup>4</sup> : B 21 C 37/00.**A METHOD OF MAKING A CABLE ENTRY OR EXIT PIPE ON A FLUID TRANSPORTATION PIPELINE.**

Applicant : NORTHERN TELECOM EUROPE LIMITED, OF 1B, PORTLAND PLACE, LONDON, WIN, 3AA, ENGLAND, A BRITISH COMPANY.

Inventor : BRIAN EDWARD DE LA SALLE.

Application No. 373/Mas/88 filed May 31, 1988.

Convention date : June 4, 1987; (No. 8713069; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**9 Claims**

A method of making a cable entry or exist pipe on a fluid transportation pipeline while the pipeline continues in normal operation full of and transporting a fluid under a positive pressure, comprising the steps of :

(a) producing a branch pipe having an end thereof shaped to fit closely around a section of the pipeline at a predetermined acute angle thereto, the branch pipe having a bore which is substantially less than that of the pipeline;

(b) securing in a fluid tight manner the said end of the branch pipe to the said pipeline section to provide a branch pipe lying at an acute angle to the pipeline, which angle is suitable for the entry into or exist from the pipeline of a cable or other line;

(c) securing in a fluid tight manner to the free end of the branch pipe an isolating valve;

(d) securing in a fluid tight manner to the free side of the isolating valve a fluid tight drilling apparatus equipped with a drilling bit;

(e) opening the valve and introducing the drill bit through the opened valve into the branch pipe;

(f) rotating and progressively advancing the drill bit into contact with and through the wall of the pipeline section;

(g) withdrawing the drill bit and closing the valve; and

(h) removing the drilling apparatus.

Comp. 15 pages;

Drgs. 2 sheets.

Ind. Cl. : 58-D [XXVI(3)]

171469

Int. Cl.<sup>4</sup> : E 04 C 1/42.**A HONEYCOMB FOR USE AS A WINDOW HAVING HOLLOW PORTIONS AND A PROCESS AND APPARATUS FOR MANUFACTURING THE SAME.**

Applicants : HUNTER DOUGLAS INTERNATIONAL N. V., INCORPORATED IN THE STATE OF NETHERLAND ANTILLES, OF DAMMERS AND VAN DER HEIDE BLDG., ROOI CATOOTJE, KAYA FLAMBOYAN 11, WILLEMSTAD, CURACAO, NETHERLAND ANTILLES.

Inventors : CRAIG A. NEFF.

Application No. 412/Mas/88 filed on 16th June 1988.

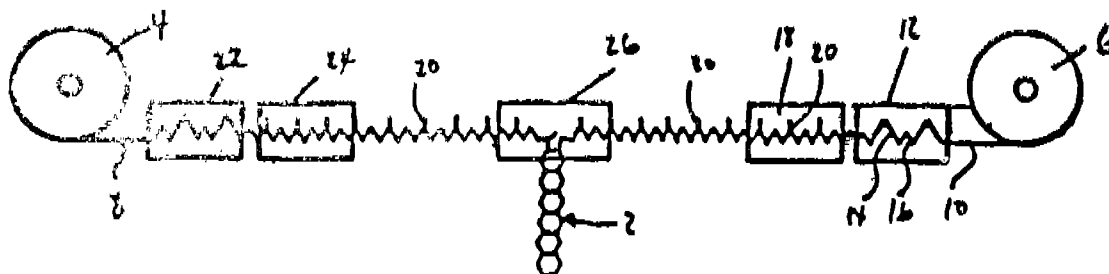
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**42 Claims**

A honeycomb for use as a window having hollow portions comprising a first sheet having a plurality of transverse creases therein and forming a first side of said honeycomb, a second sheet having a plurality of transverse creases therein

and forming a second side of said honeycomb wherein said first sheet is modified to have a plurality of first legs secured to said second sheet to form said hollow portions, each of

said first legs being integral with said first sheet and comprising a fold in said first sheet, parts of said fold in said first sheet being secured together.



Comp. Specn. 27 pages;

Drgs. 5 sheets.

Ind. Cl. : 50 E1 [VII(1)]

171470

Int. Cl.<sup>4</sup>: F 25 D 11/00.

#### A SELF-CONTAINED COOLING APPARATUS.

Applicant: INTERNATIONAL THERMAL PACKAGING INC, A CALIFORNIA CORPORATION HAVING A PLACE OF BUSINESS AT 1100 GLENDON AVENUE, SUITE 2050, LOS ANGELES, CALIFORNIA 90024, USA.

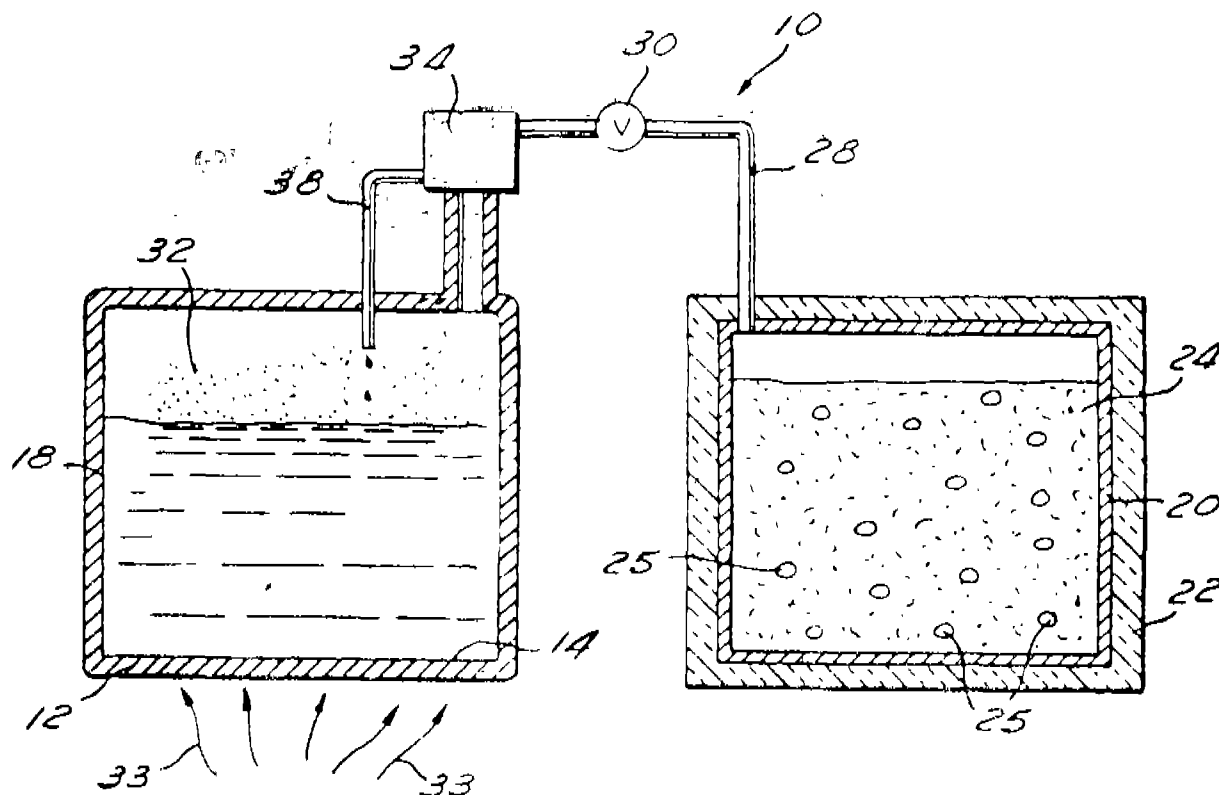
Inventors: 1. DENNIS A. THOMAS 2. CULLEN M. SABIN 3. JOHN H. COVER.

Application No. 457/Mas/88 filed on 1st July, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

18 Claims

A self-contained cooling apparatus, comprising a first chamber containing a liquid having a vapor pressure at 20°C of above 9mm Hg; a second evacuated chamber containing a sorbent for said liquid; a conduit connecting said first and second chambers; a valve in said conduit for preventing flow through said conduit between said chambers; an actuator for opening said valve to connect said first and second chambers, permitting said liquid to vaporize and permitting said vapor to pass through said conduit and into said sorbent, whereby the evaporation of said liquid serves to cool said first chamber; and apparatus for substantially inhibiting the heat generated in said sorbent during sorption of said vapor from escaping from said self-contained apparatus, said apparatus comprising a material thermally coupled to said sorbent for removing heat from said sorbent.



Comp. Specn 19 pages;

Drg. 1 sheet.

Cl. : 153,

171471

whose ends are directed in all directions and which are twisted all along the length of the said back bone wire.

Int. Cl. : B 24 B 27/00.

A DEVICE FOR CIRCULAR AND/OR PROFILE GRINDING.

Applicant : FRINT STUDER AG. OF 3602 THUN, SWITZERLAND.

Inventor : (1) HANSJORG RENKER

(2) PETER WYLER

Application No. 58/Cal/1989; filed on January 19, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 21 Claims

A device for circular and/or profile grinding having a receiving device for a workpiece and having a grinding tool, which can be driven to perform rotations and has an abrasive coating, wherein the grinding tool is constructed as a ring which is provided with an abrasive coating on its interior circumference.

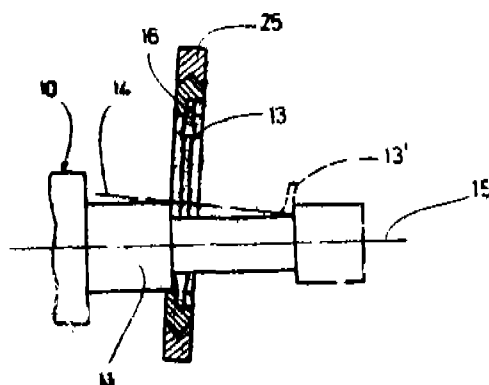


Fig. 1

(Compl. Specn. 15 Pages;

Drgns. 2 Sheets)

Cl. : 14<sub>2</sub>

171472

Int. Cl. : C 25 B 11/00, 11/02,  
G 01 N 27/30; H 01 M 4/00,  
4/28, 14/00.

SPIKED TYPE DISCHARGE ELECTRODE FOR ELECTRO STATIC PRECIPITATORS.

Applicants & Inventors : ANIRBAN MAJUMDAR & SABITA MAJUMDAR, OF 22/20, MONOHARPUKAR ROAD, CALCUTTA-29; WEST BENGAL, INDIA.

Application No. 107/Cal/1989; filed on February 06, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 5 Claims

A spiked type discharge electrode of electrostatic precipitators comprising a main wire as the back bone wire of either a single solid wire or a stranded wire characterised in that there is provided on the said back bone wire cut-pieces or bunched pieces of sharp ended wire called spikes

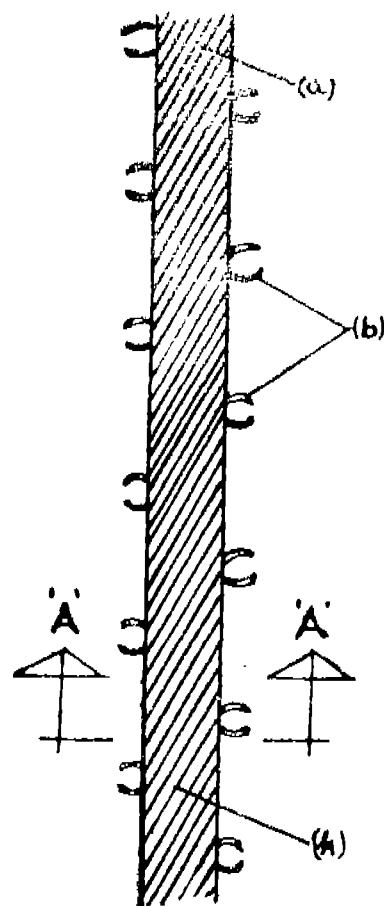


Fig. I

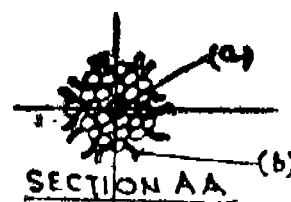


Fig. IV

(Compl. Specn. 6 Pages;

Drg 1 Sheet.)

Cl. : 127 H, I.

171473

Int. Cl. : F 16 D, 3/18.

ASSEMBLED DRIVE SHAFT.

Applicant : EMITEC GESELLSCHAFT FUR EMIS-  
SIONSTECHNOLOGIE MBH. OF HAUPTSTRASSE 150,  
D-5204 LOHMAR 1, WEST GERMANY.

Inventor : HELMUT SWARS.

Application No. 108/Cal/1989; filed on February 06, 1989.

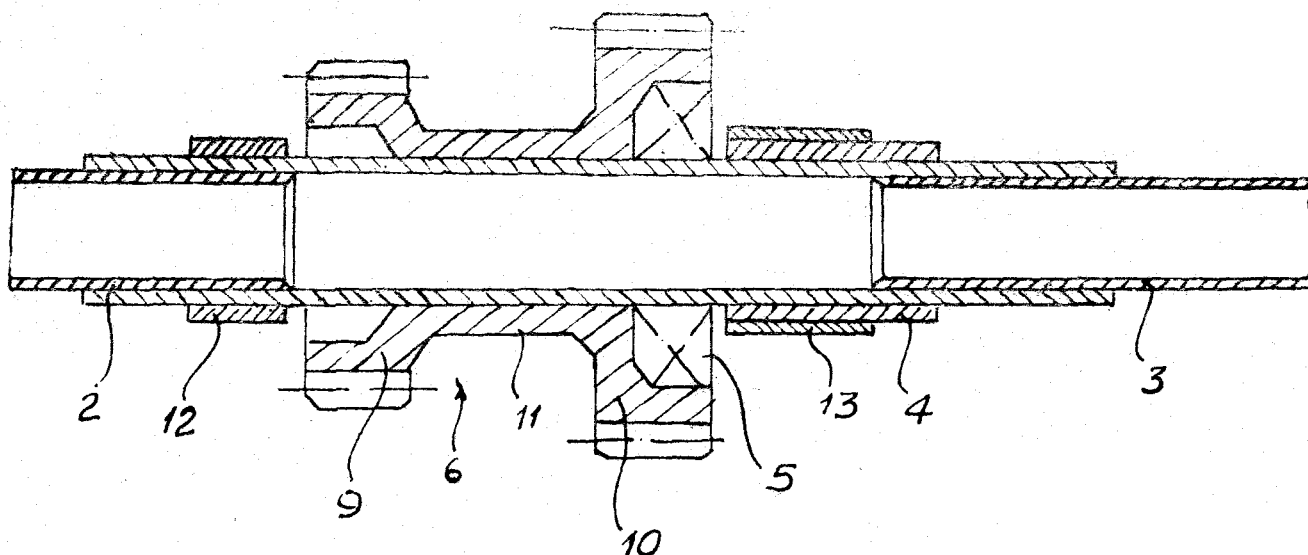
Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.



## 12 Claims

An assembled driveshaft in the case of which individual driving elements, especially gears, are non-rotatingly attached to a hollow shaft, with the connection between the hollow shaft and the driving elements essentially being achieved by

force or friction locking between the plastically expanded hollow shaft and the elastically pretensioned driving element, (6, 26) is integrally provided with at least two toothed discs (9, 10; 29, 30) with different diameters, a sleeve (31) provided between said discs.



(Compl. Specn. 9 Pages;

Drgns. 1 Sheet)

Cl. : 12 B.

171474

Int. Cl. : C 21 D 1/10.

# "IMPROVEMENTS IN SCANNING INDUCTION HARDENING PROCESS".

Applicant : A. E. BISHOP & ASSOCIATES PTY. LTD.  
OF 19 BUFFALO ROAD, GLADESVILLE, NEW SOUTH  
WALES, COMMONWEALTH OF AUSTRALIA.

Inventors : ARTHUR ERNEST BISHOP.

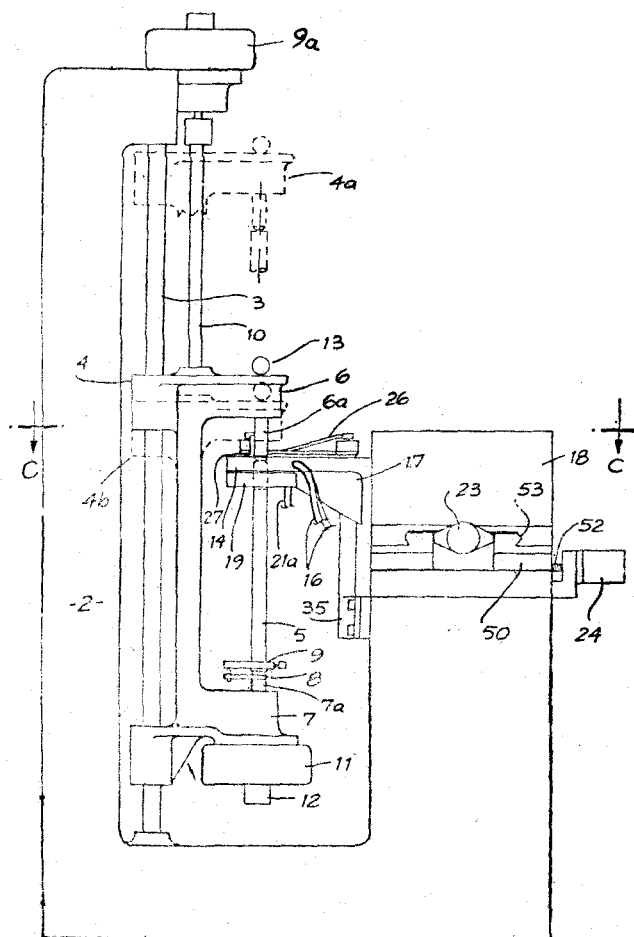
Application No. 121/Cal/1989; filed on February 09, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 7 Claims

A scanning induction hardening process in which a steel work-piece is surface hardened by progressively traversing its length with an inductor coil energised by an alternating electric current and immediately thereafter quenching the heated portion of the workpiece characterised in that straightening of bends in the workpiece being surface hardened is controlled during the induction hardening process by monitoring the straightness of the workpiece by means of induction coil (14) and probes 26 and 27 and utilising information thereby obtained to control the heating or both heating and quenching of the workpiece by controlling the relative position of the inductor coil and the workpiece in such a manner that a layer of hardened material of greater thickness is formed on the concave side of any bend in the workpiece such as to produce a straightening moment acting to remove the bend.

2—297 GI/92



Compl. Specn. 16 pages;

Drgs. 7 Sheets)

Cl. : 201

171475

Int. Cl. : C 02 F 1/00.

"PROCESS FOR THE TREATMENT OF WASTE WATER RESULTING FROM COAL PYROLYSIS FOR RECYCLING IT AND RECOVERY OF THE SALTS PRESENT THEREIN".

Applicant : OTTO INDIA PRIVATE LIMITED. OF F/ 16, Sector-2, ROURKELA-769006, ORISSA, INDIA STILL OTTO GMBH. OF CHRIST STRASSE 9, 4630 BOCHUM 1, WEST GERMANY.

Inventors : (1) DR. DIETER STALHERM  
(2) KURT TIPPNER  
(3) DIETER LOHMANN

Application No. 1228/Cal/1989; filed on February 14, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

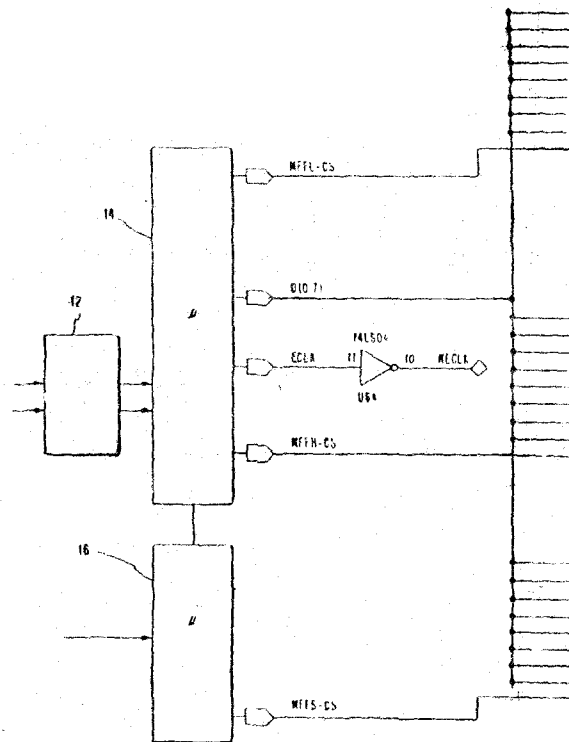
## 14 Claims

A process for the treatment of waster water resulting from coal pyrolysis for using it for the same purpose and recovery of the salts present therein by splitting up the waster water after filtering and distillation in the method of reverse osmosis into a low-salt permeate which can be returned to the coking process and a concentrated salt solution, the said concentrated salt solution being wholly or partly split up in a reducing hot atmosphere with the salts being separated, characterized in that the concentrated salt solution is wholly or partly brought in contact with the hot chamber coke contained in a closed, gasifying coke cooling apparatus in order to destroy the contaminants of the concentrated salt solution and utilized the hydrogen content of the concentrated salt solution by being converted into a mixture of hydrogen and carbon monoxide gases.

(Compl. Specn. 17 Pages;

Drgns. 2 Sheets)

latch means, and a plurality of rate multipliers connected to said first latch means said second latch means and said third latch means producing an output signal representative of the analog input signal.



Cl. : 63 I.

171476

Int. Cl.<sup>4</sup> : H 03 K 3/64.

"IMPROVED FREQUENCY - OUTPUT GENERATOR".

Aplicant : INTERNATIONAL CONTROL AUTOMATION FINANCE S. A. OF VILLE DE LUXEMBOURG, 16 RUE DES BAINS, LUXEMBOURG.

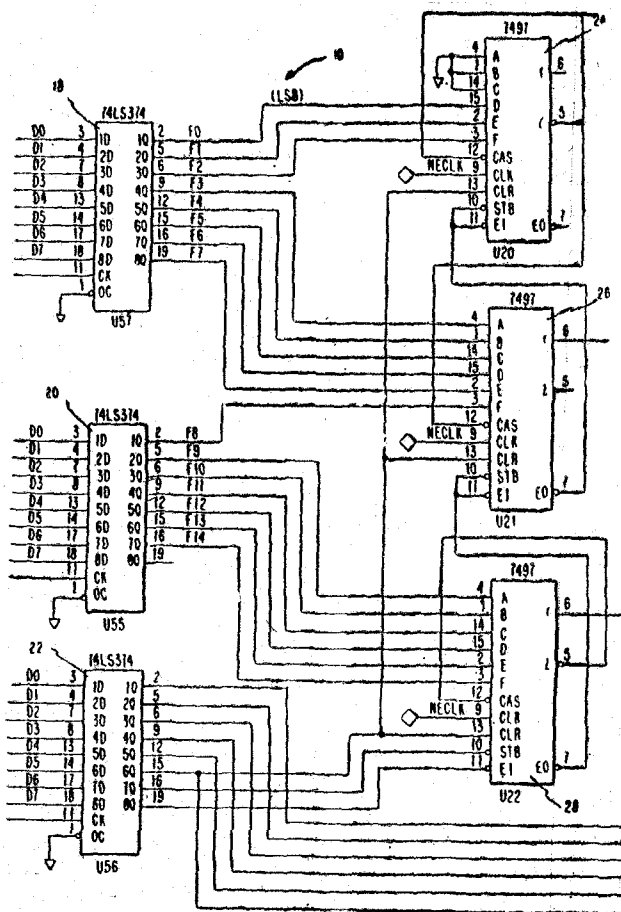
Inventors : (1) NELSON R. BLANK  
(2) GARY L. ZELONIS

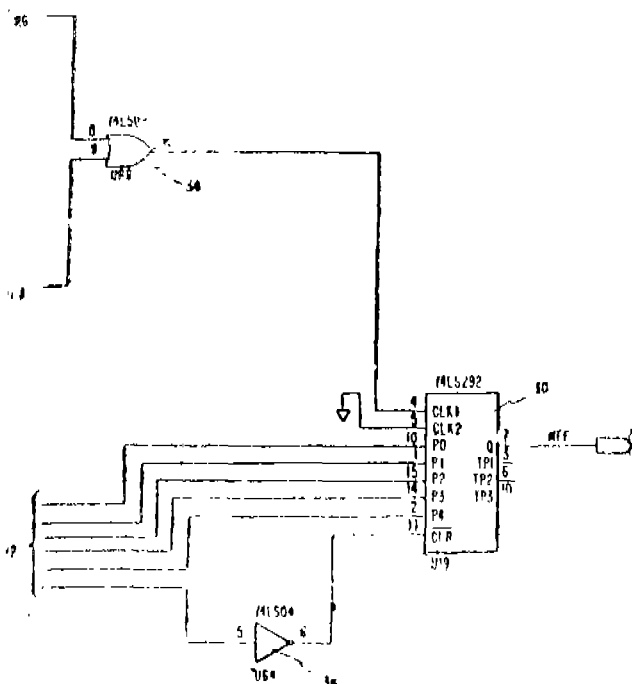
Application No. 205/Cal/1989; filed on March 13, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 6 Claims

A frequency generator for producing a series of output pulses having a frequency that is proportional to the analog input signal applied thereto comprising means for converting the analog input signal into a digital signal having a predetermined word length and scaling factor therefor, means for transmitting a portion of said word length to a first latch means and the remaining portion of said word length to a second latch means and said scaling factor for the word length to a third latch means, to which a programmable frequency divider is connected to permit the scaling of the output of said plurality of rate multipliers, said third latch means being connected to said plurality of rate multipliers and to said programmable frequency divider, bus means interconnecting said transmitting means and said first latch means said second latch means and said third latch means, said bus having a capacity which approximates said portion of said word length transmitted to said first





(Compl. Specn. 10 Pages;

Drgns. 4 Sheets)

Cl. : 98 H.

171477

Int. Cl. : H 02 H 5/04

**"AN IMPROVED DETECTOR FOR HEAT".**

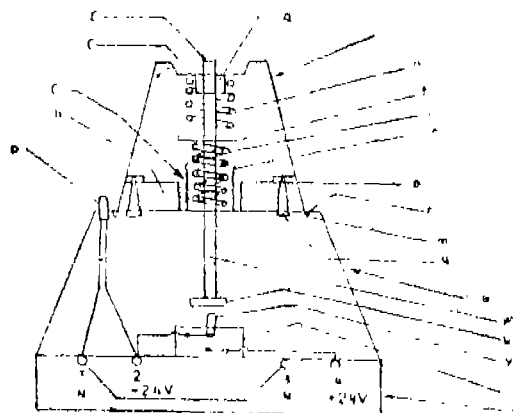
**Applicant & Inventor : PREETI MATHUR, OF FLAT NO. 12, 57 ELLIOTT ROAD, CALCUTTA-700016, STATE OF WEST BENGAL, INDIA.**

**Application No. 489/1989; filed on June 26, 1989.**

**Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.**

**17 Claims**

An improved detector for heat which is re-settable by itself, capable of detecting a relatively low temperature rise, readily adjustable to detect temperature rise upto different levels, suitable for being connected across the power supply lines in parallel with detectors of other or the same types and provided with means for checking its operating readiness and giving a visual indication of its state of operation comprising a coil made of an alloy known as 'shape-memory' and adapted to apply pressure, when it expands owing to rise in temperature of the surrounding atmosphere, on a slidably held spring-loaded shaft, said spring being provided with a means for adjusting the initial tension applied by it to said shaft; a microswitch disposed to be actuated by the said shaft when the said coil expands to a predetermined limit; a LED connected internally through said microswitch to a power supply source; and a plurality of terminals provided for connecting externally the power supply source and the electrical circuit to be triggered by the detector when actuated by heat.



(Compl. Specn. 14 Pages;

Drgn. 1 Sheet)

Cl. : 35 E, 25-A &amp; B.

171478

Int. Cl. : C 04 B 35/00; E 04 C 1/04.

**"PRODUCTION OF BASIC REFRACTORY BRICKS FROM USED REFRACTORIES".**

**(Applicant : KABITA REFRACTORIES (PVT.) LTD. OF P. O. PANURIA (GOURANGDI), DIST. BURDWAN, WEST BENGAL, INDIA.**

**Inventors : SHAMA PADA ROY.**

**Application No. 520/Cal/1989; filed on July 03, 1989.**

**Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.**

**6 Claims**

A process for process for producing basic refractory bricks selected from the group consisting of magnesite, chrome-magnesite and magnesite-chrome bricks, with or without steel cladding, from corresponding used basic refractory bricks, comprising the steps of :—

(a) sorting out used basic refractory bricks according to its constituents;

(b) removing the undesirable portions, i.e. slags, fused portions, from the sorted out used bricks;

(c) crushing/grinding the bricks having desirable portions, so obtained from the step (b);

(d) grading the crushed/ground granules of the step(c) according to different sizes;

(e) mixing different sized granules obtained from the step (d), according to end product requirement, and adding thereto a binder/additive prepared by mixing molasses, any one or more of sulphuric acid, chromic acid, magnesium sulphate and sulphite lye, and water, to obtain a mix;

(f) placing the mix of the step (e) in mould of desired shape and size, with steel cladding being provided, when required, in the mould prior to placing of the mix, in case of steel-cladbricks, pressing the same, and taking out the pressed green bricks, so formed, from the mould, followed by curing/setting of the green bricks at ambient temperature; and

(g) heat-treating the green bricks in dryer at a temperature range of 110 C to 500 C, depending on the end product, as required.

(Compl. Specn. 11 Pages;

Drgns. Nil)

CL : 128 G, K.

171479

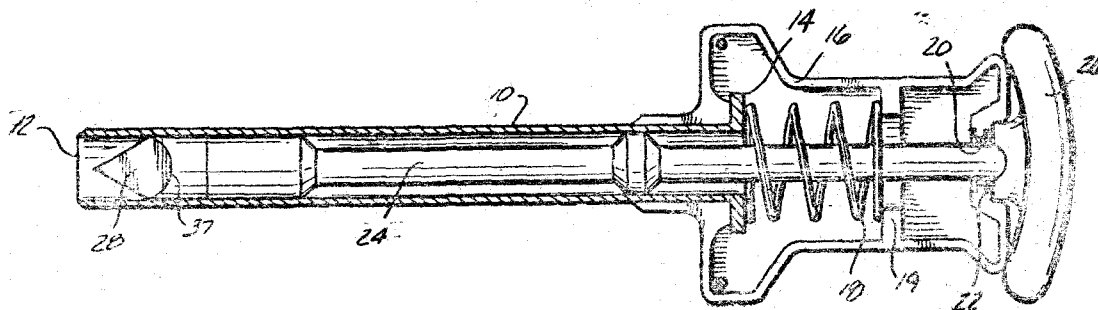
Int. Cl.<sup>4</sup> : A 61 B 17/34  
A 61 D 1/02.**"IMPROVED SAFETY TROCER".**Applicant : ETHICON, INC., OF U.S. ROUTE NO. 22,  
SOMERVILLE, NEW JERSEY 08876. UNITED STATES  
OF AMERICA.Inventors : (1) JOSE C. DENIEGA  
(2) STEPHEN J. FAILLA.

Application No. 522/Cal/1989; filed on July 04, 1989.

(Convention No. 8816033.8; filed on 6th July, 1988 :  
Great Britain).Appropriate office for opposition proceedings (Rule 4,  
Patent Rule 1972) Patent Office, Calcutta.

5 Claims

A trocar including a trocar tube having a proximal end and a distal end, an obturator having a perforating tip and extendable through the tube to perforate tissue at the distal end of the tube, and a safety shield extendable to shield the tip of the obturator, said safety shield exhibiting a rounded distal end with a slot for passage of said obturator tip through, said slot conforming to the geometry of said obturator tip.



(Compl. Specn. 17 Pages;

Drgns 12 Sheets)

CL : 102, B

171480

Int. Cl. : F 15. C 3/00

**"HYDRAULIC DRIVE SYSTEM FOR CONSTRUCTION MACHINES".**Applicant : HITACHI CONSTRUCTION MACHINERY  
CO. LTD. OF 6-2, OHTEMACHI-2-CHOME, CHIYODA-  
KU TOKYO, JAPAN.Inventors : (1) TOICHI HRATA  
(2) GENROKU SUGIYAMA  
(3) YUSUKE KAJITA

Application No. 601/Cal/1989; filed on July 25, 1989.

Appropriate office for opposition proceedings (Rule 4,  
Patent Rule 1972) Patent Office, Calcutta.

13 Claims

A hydraulic drive system for a construction machine comprising a hydraulic pump (1), a plurality of hydraulic actuators (2, 3) driven by a hydraulic fluid supplied from said hydraulic pump, a plurality of flow control valves (4, 5) for controlling flow rates of the hydraulic fluid supplied to said actuators, respectively, and a plurality of distribution compensating valves (6, 7) for controlling differential pressures across said flow control valves, respectively, said plurality of actuators including a first actuator (2) which undergoes a relatively large load pressure and a second actuator (3) which undergoes a smaller load pressure than that of the first actuator, wherein :

said hydraulic drive system further comprises distribution control means (22, 23) for controlling the distribution compensating valve (7) associated with the second actuator (3) such that a differential pressure (Pz2-PL2) across the flow control valve (5) associated with the second actuator (3) becomes larger than a differential pressure (Pz1-PL1) across the flow control valve (4) associated with the first actuator (22), when the first and second actuators (2, 3) are driven simultaneously.

(Compl. Specn. 104 Pages;

Drgns. 14 Sheets)

**CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970**

Claim made by HITCHINER MANUFACTURING CO., INC., of Milford, New Hampshire 03055, U.S.A., a New Hampshire Corporation under Section 20 (1) of the Patents Act, 1970 to proceed the Application for Patent No. 170879 in their name has been allowed.

Claim made by HITCHINER MANUFACTURING CO., INC., of Milford, New Hampshire 03055, U.S.A., a New Hampshire Corporation under Section 20 (1) of the Patents Act, 1970 to proceed the Application for Patent No. 170880 in their name has been allowed.

**AMENDMENT PROCEEDING UNDER SECTION 57**

The amendments proposed by Mr. Rahendra Singh Chauhan, L.I.G.-16, Kotra, Sultanabad, MACT Road, Bhopal-462003, Madhya Pradesh, India, in respect of Patent Application No. 168713 (33/BOM/1989) as advertised in Part III, Section 2 of the Gazette of India, dated 3-8-1992 have been allowed.

Notice is hereby given that STAT OF ISRAEL, REPRESENTED BY THE PRIME MINISTER'S OFFICE, The Israel Institute for Biological Research of P. O. Box 9, Ness-Zelone, Israel have made an application under Section 57 of the Patents Act, 1970, for amendment of application and specification of their application for Patent No. 170689 for "A METHOD FOR MAKING A PHARMACEUTICAL COMPOSITION CONTAINING SPIRO-OXATHIO-LANE/QUINUCLIDINE COMPOUNDS".

The amendments are by way of correction. The application for amendments and the proceed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form-30 within 3 months from the date of the Notification at the Patent Office, Madras-2. If the Written Statement of Opposition, is not filed with the Notice of Opposition, it shall be felt within one month from the date of filing the said Notice.

Notice is hereby given that INLAND STEEL COMPANY, a Delaware Corporation of 30 West Monroe Street, Chicago, IL 60603, U.S.A., have made an application under Section 57 of the Patents Act, 1970, for amendment of application and specification of their application for Patent No. 294/MAS/88 (171269) for "AN APPARATUS FOR THE CONTINUOUS CASTING OF MOLTEN METAL."

The amendments are by way of correction. The application for amendments and the proceed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form-30 within 3 months from the date of the Notification at the Patent Office, Madras-2. If the Written Statement of Opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filling the said Notice.

Notice is hereby given that CALGON CORPORATION A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF ROUTE 60-CAMPBELL'S RUN ROAD, ROBINSON TOWNSHIP, PENNSYLVANIA, UNITED STATES OF AMERICA have made an application under Section 57 of the Patents Act, 1970, for amendment of application and specification of their application for Patent No. 332/Mas/88 (171337) for AN AQUEOUS COMPOSITION FOR DETACKIFICATION OF PAINT FROM PAINT SPRAY BOOTHS.

The amendments are by way of correction. The application for amendments and the proceed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form-30 within 3 months from the date of the Notification at the Patent Office, Madras-2. If the Written Statement of Opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filling the said Notice.

#### PATENTS SEALED ON 25-9-92

169251\* 169256 169277 169283\* 169292 169391 169393  
169394\* 169395\* 169401\* 169405 169414\* 169419\*  
169426 169434 169435\* 169436 169440\* 169444\* D  
169449\* 169482\* 169556\* 169568\* 169574\* 169641\*  
169691 169944\* 169705 169749.

CAL-7, DEL-6, MAS-13, BOM-3.

\*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

#### D-DRUG PATENT.

#### REGISTRATION OF ASSIGNMENTS, LICENCES ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the Original Patentees have been registered in the following Cases.

156855—Bhagyashree Fuels Pvt. Ltd.

Assignments, licences or other transactions affecting the interests of the Original Patentees have been registered in the following Cases.

156855—Radhey Minerals Pvt. Ltd.

Assignments, licences or other transactions affecting the interests of the Original Patentees have been registered in the following Cases.

156855—Govind Mukund Coal Co.

#### RENEWAL FEES PAID

147164 148443 148632 149645 150680 150685 150726  
150819 151150 151216 151467 153241 153242 153554  
153555 153592 153593 153624 153684 153753 153770

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160581	160757	160827	160944	160945	161133	161211
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164589	164777	165169	165191	165219	165220	165257
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165892	165933	165971	166006	166092	166102	166103
166166	166183	166245	166283	166358	166413	166721
166852	167113	167510	167656	167737	167738	167769
167787	167839	167859	167932	167934	167937	167940
167953	167974	167986	167991	168157	168227	168413
168823	168974					

#### CESSATION OF PATENTS

157751	157755	157756	157757	157759	157763	157766
157767	157769	157773	157776	157777	157778	157779
157780	157783	157786	157787	157789	157792	157793
157800	157801	157803	157805	157806	157807	157808
157809	157810	157813	157814	157819	157825	157831
157832	157834	157835	157836	157844	157845	157851
157861	157862	157863	157870	157872	157873	157878
157880	157884	157885	157888	157889	157890	157893
157894	157897	157902	157904	157905	157906	157907

#### ENDORSEMENT OF PATENTS WITH THE WORDS "LICENCE OF RIGHT UNDER SECTION 87 OF THE PATENTS ACT, 1970".

NUMBERS	DATE
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162985	20-12-91
162986	
162987	
163043	
163242	
163260	
162989	
163012	
163015	
163016	
163044	
163248	
163261	
163005	
163122	
163124	
163128	
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162895	
162896	
163078	
163116	
163117	
163144	
163145	

NUMBERS	DATE	
163146	20-12-91	Class 4. No. 164268. Khoday R.C.A. Industries (Distillery Division), of Brewery House, 7th Mile, Kanakpura Road, Bangalore-560 062, Karnataka, India, a Registered Partnership Firm and the Partners are : 1. Shri Khoday Lakshmansa Ramachandra, Shri Khoday Lakshmansa Srihari, 3. Shri Khoday Lakshmansa Ananta Padmanabhasa & 4. Shri Khoday Lakshmansa Swamy All Indian Nationals and of the above address. "Bottle". 20th April, 1992
163147		
163155		
163158		
163164		
163169		
163181		
163192		
163193		
163216		
163219		
163262		
163263		
163052		
163056		
163103		Class 4. No. 164269. Khoday Brewing & Distilling Industries Limited (Distillery Division), of Unit No. 2, Brewery House, 7th Mile, Kanakpura Road, Bangalore-560 062, Karnataka, India, an Indian Company, "Bottle". 20th April, 1992.
163165		
163125		
163126		
163127		
163166		
163200		
163229		
163269		
163324		
161540	30-12-91	
161243		
161504		
161623		
161625		
161573		Class 12. No. 164119. Gulalwadi Selection Centre, an Indian Partnership firm, of 142, Kika Street, 1st floor, Room No. 25, Shrinathji Bldg., Bombay-400 004, Maharashtra, India, whose partners are Smt. Rambhaden Popatlal Patadia, Smt. Hasumati Bharat Patadia, and Girish Popatlal Patadia, all Indians of above address. "Elastic". 21st February, 1992.
161552		
161564		
161608		
161460		
161557		
		Class 12. No. 164120. Gulalwadi Selection Centre, an Indian Partnership firm, of 142, Kika Street, 1st floor, Room No. 25, Shrinathji Bldg., Bombay-400 004; Maharashtra State, India, whose Partners are Smt. Rambhaden Popatlal Patadia Smt. Hasumati Bharat Patadia and Girish Popatlal Patadia, all Indians of above address. "Elastic", 21st April, 92.
		Class 12. No. 163735. Mirror-Water Pvt. Ltd., of Singapore of Block 1, Pasir Panjang Road, 10-32/33/34, Alexandra Distripark, Singapore 0511. "Pharmaceutical Tablet". 4th November, 1991.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the Registration of the design included in the entry.

Class. 3. No. 163736. Mirror-Water Pte. Ltd., of Singapore, of Block 1, Pasir Panjang Road, 10-32/33/34, Alexandra Distripark, Singapore 0511, "Container", 4th November, 1991.

R. A. ACHARYA,

Controller General of Patents & Designs  
and Trade Marks.